PTO/SB/08A (08-00)

plus sign (+) inside this box \rightarrow +

Approved for use through 10/31/2001. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

he Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute fo	or form 1449A/PT	0	· · · · · · · · · · · · · · · · · · ·			
INFORMATION DISCLOSURE			CLIDE	Complete if Known		
	-			Application Number	10/618,238	
STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	July 11, 2003	
				First Named Inventor	Craig E. Boutilier	
				Group Art Unit	Not Yet Assigned	
				Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	3819-030682	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the				
Examiner	xaminer Cite Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), vol					
Initials*	No.1	number(s), publisher, cite and/or country where published.				
	1	ARNE ANDERSSON, MATTIAS TENHUNEN and FREDRIK YGGE, "Integer Programming For Combinatorial Auction Winner Determination", 8 pp., (2000).				
	2	YUZO FUJISHIMA, KEVIN LEYTON-BROWN and YOAV SHOHAM, "Taming the Computational				
		Complexity of Combinatorial Auctions: Optimal And Approximate Approaches", 6 pp., (1999).				
	3	HOLGER H. HOOS and CRAIG BOUTILIER, "Solving Combinatorial Auctions Using Stochastic Local Search", American Association for Artificial Intelligence, 8 pp., (2000).				
	4	KEVIN LEYTON-BROWN, MARK PEARSON and YOAV SHOHAM, "Towards A Universal Test Suite For Combinatorial Auction Algorithms", Electronic Commerce (EC'00), 11 pp., (2000).				
	5	NOAM NISAN, "Bidding And Allocation In Combinatorial Auctions", Institute of Computer Science, Hebrew U., Jerusalem, 25 pp., (April 17, 2000).				
	6	S.J. RASSENTI, V.L. SMITH and R.L. BULFIN, "A Combinatorial Auction Mechanism For Airport Time Slot Allocation", The Bell Journal of Economics, 13(2), pp. 402-417, (1982).				
	7	MICHAEL H. ROTHKOPF, ALEKSANDAR PEKEČ and RONALD M. HARSTAD, "Computationally Manageable Combinatorial Auctions", Management Science, Vol. 44, No.8, pp. 1131-1147, (August 1998).				
	8	TUOMAS W. SANDHOLM, "An Algorithm For Optimal Winner Determination In Combinatorial Auctions", 6 pp., (1999).				
	TUOMAS W. SANDHOLM, "eMediator: A Next Generation Electronic Commerce Server", Proceedings Of The Fourth International Conference On Autonomous Agents, pp. 341-34 (2000).					
	MICHAEL P. WELLMAN, WILLIAM E. WALSH, PETER R. WURMAN and JEFFREY K. MACKIE MASON, "Auction Protocols For Decentralized Scheduling", Games and Economic Behavior, 35, pp. 271-303 (2001).					
Examiner Signature	,	/Olabode Akintola/ (09/02/2008) Date Considered				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

{W0082896.1}

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-00)

e a plus sign (+) inside this box → [+]

Approved for use through 10/31/2001. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE e Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for	r form 1449A/PTO			T		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/618,238	
				Filing Date	July 11, 2003	
				First Named Inventor	Craig E. Boutilier	
				Group Art Unit	Not Yet Assigned	
				Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	3819-030682	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	T
-	11	TUOMAS SANDHOLM, SUBHASH SURI, ANDREW GILPIN and DAVID LEVINE, "CABOB: A Fast Optimal Algorithm For Combinatorial Auctions", 7 pp., (2001).	
	12	CRAIG BOUTILIER and HOLGER H. HOOS, "Bidding Languages For Combinatorial Auctions", 7 pp., (2001).	
	13	NOA E. KFIR-DAHAV, DOV MONDERER and MOSHE TENNENHOLTZ, "Mechanism Design For Resource Bounded Agents", Faculty of Industrial Engineering And Management Technion-Israel Institute of Technology, Haifa 32000, Israel, 15 pp., (January 19, 1999).	
	14	NOAM NISAN and AMIR RONEN, "Computationally Feasible VCG Mechanisms", 29 pp., (2000).	
	15	DALE SCHUURMANS, FINNEGAN SOUTHEY and ROBERT C. HOLTE, "The Exponentiated Subgradient Algorithm For Heuristic Boolean Programming", 6 pp., (2001).	

Examiner	/Olabode Akintola/ (09/02/2008)	Date	- 1
Signature	/Olabode Akintola/ (09/02/2008)	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

{W0082901.1}